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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

STEWART, et al.

Serial No.: 09/438,944

Examiner: A. DeCloux

Filed: 11/12/1999

Group Art Unit: 1644

For: Compositions and Methods for Producing Vascular Occlusion

SUPPLEMENTAL RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to a telephone interview with the Examiner on 1 November 2001, and in supplemental response to the Office Action mailed 4 May 2001, Applicants submit the following:

In the Claims:

12 (twice amended). A method of inducing a thrombus in vivo comprising:
administering a bifunctional binding agent comprising a targeting component and a component that specifically binds platelets;
binding platelets on the binding agent;
inducing activation of the platelets; and thereby
allowing a thrombus to form.

13 (twice amended). The method of claim 12 wherein [administering a bifunctional binding agent comprises administering a] the targeting component [agent that] binds to a selected site.

17 (twice amended). The method of claim 12 [16] wherein the component that specifically binds platelets comprises at least one of the components selected from the group consisting of von Willebrand factor, osteopontin, fibrinogen, fibrin, fibronectin, vitronectin, collagen, thrombospondin, laminin, heparin, heparan sulfate, chondroitin sulfate, phospholipase A2, matrix